



main.c

Output



```
1  #include <stdio.h>
2  int main() {
3      int arr[100], n, i, j, k;
4      printf("Enter number of elements: ");
5      scanf("%d", &n);
6      printf("Enter %d elements:\n", n);
7      for(i = 0; i < n; i++) {
8          scanf("%d", &arr[i]);
9      }
10     for(i = 0; i < n; i++) {
11         for(j = i + 1; j < n; ) {
12             if(arr[i] == arr[j]) {
13                 for(k = j; k < n - 1; k++) {
14                     arr[k] = arr[k + 1];
15                 }
16                 n--; // reduce size
17             } else {
18                 j++;
19             }
20         }
21     }
22     printf("Array after removing duplicates:\n");
23     for(i = 0; i < n; i++) {
24         printf("%d ", arr[i]);
25     }
26     return 0;
27 }
```

Run